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Sheet 1

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INFORMATION DISCLOS STATEMENT BY APPLICAN

of 2

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Complete if Known				
Application Number	10/689,380			
Filing Date	20 October 2003			
First Named Inventor	BEAUMONT, Mark	3		
Art Unit	2183			
Examiner Name	JOHNSON, Brian P.			
Attorney Docket Number	PAT001072-000		フ	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,308,436	03-07-1967	Borck et al.	
		^{US-} 4,215,401	07-29-1980	Holsztynski et al.	
		^{US-} 4,876,534	10-24-1989	Mead et al.	
		^{US-} 4,942,517	07-17-1990	Cok	
		^{US-} 5,111,192	05-05-1992	Kadakia	
		^{US-} 5,408,676	04-18-1995	Mori	
		^{US-} 5,444,701	08-22-1995	Cypher et al.	
		^{US-} 5,546,336	08-13-1996	Pechanek et al.	
		^{US-} 5,568,600	10-22-1996	Kaba	
		^{US-} 5,644,517	07-01-1997	Но	
		^{US-} 5,689,719	11-18-1997	Miura et al.	
		^{US-} 5,898,881	04-27-1999	Miura et al.	
		^{US-} 6,023,753	02-08-2000	Pechanek et al.	
		^{US-} 6,185,667	02-06-2001	Abercrombie et al.	
		^{US-} 6,338,129 B1	01-08-2002	Pechanek et al.	
		^{US-} 6,728,862	04-27-2004	Wilson	
		^{US-} 6,754,801	06-22-2004	Kirsch	
		^{US-} 6,968,447	11-22-2005	Apisdorf et al.	
·		^{US-} 6,970,196	11-29-2005	Ishikawa et al.	

Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
		EP 0314277 A2	05-03-1989	IBM		
		EP 0375401 A1	. 06-27-1990	AMT Holdings LTD		
		WO 94/010638 A1	05-11-1994	Marwood		
		WO 96/036941 A1	11-21-1996	Polaroid Corp.		
		WO 01/090915 A3	11-29-2001	Gazelle Technology Corp.		

Examiner	Date	
Signature	Considered	
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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known				
Application Number	10/689,380			
Filing Date	20 October 2003			
First Named Inventor	BEAUMONT, Mark			
Art Unit	2183			
Examiner Name	JOHNSON, Brian P.			
Attorney Docket Number	PAT001072-000			

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-	Number-Kind Code ^{2 (if known)} US- 2002/0133688	09-19-2002	Lee et al.	
	-	^{US-} 2003/0026237	02-06-2003	Mohebbi et al.	
		^{US-} 2003/0084081	05-01-2003	Hanounik	
		^{US-} 2004/0054870	03-18-2004	Kirsch	
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	FOREIGN PATENT DOCUMENTS					
Examiner Cite	Foreign Patent Document Publ	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
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Examiner Signature	Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY SPPLICANT	Application Number	10/689,380		
INFORMATION DISCLOSURE	Filing Date	20 October 2003		
STATEMENT BY PPLICANT	First Named Inventor	BEAUMONT, Mark		
(Use as many sheets as necessary)	Art Unit	2183		
(ose as many sneets as necessary)	Examiner Name	JOHNSON, Brian P.		
Sheet 1 of 1	Attorney Docket Number	PAT001072-000		

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		NON PATENT LITERATURE DOC	CUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title the item (book, magazine, journal, serial, symposium, can number(s), publisher, city and/or coun	of the article (whe talog, etc.), date,	page(s), volume-issue	T ²
		HANOUNIK et al., "Linear-Time Matrix Tran Vector Register File With Diagonal Register			
		CHOI et al., "Parallel Matrix Transpose Algoriti Concurrent Computers," 1993, pp. 1-20.	hms On Distrib	outed Memory	
	T		Data		
Examiner			Date		

Examiner	Date	
Signature	Considered	

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